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| (21) International Application Number: PCT/AU98/00208 (22) International Filing Date: 26 March 1998 (26.03.98) (30) Priority Data: PO 5891 27 March 1997 (27.03.97) AU PP 1830 13 February 1998 (13.02.98) AU (71) Applicants (for all designated States except US): THE COUNCIL OF THE QUEENSLAND INSTITUTE OF MEDICAL RESEARCH [AU/AU]; 300 Herston Road, Herston, QLD 4029 (AU). COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION [AU/AU]; Limestone Avenue, Campbell, ACT 2601 (AU). THE UNIVERSITY OF MELBOURNE [AU/AU]; Royal Parade, Parkville, VIC 3052 (AU). THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH [AU/AU]; Royal Melbourne Hospital, Royal Parade, Parkville, VIC 3052 (AU). CSL LIMITED [AU/AU]; 45 Poplar Road, Parkville, VIC 3052 (AU). (72) Inventors; and (75) Inventors/Applicants (for US only): BOYLE, Jefferey, Stephen [AU/AU]; 162 Brown Street, Heidelberg, VIC 3084 (AU). BRADY, Jamie, Louise [NZ/AU]; 4 Oamaru Street, North- | (74) Agent: F.B. RICE & CO.; 605 Darling Street, Balmain, NSW 2041 (AU). (81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> | |
| (54) Title: ENHANCEMENT OF IMMUNE RESPONSE USING TARGETING MOLECULES (57) Abstract <p>The present invention provides methods of enhancing the immune response to an immunogen and to compositions for use in these methods. In particular the present invention provides a DNA molecule for use in raising an immune response to an antigen. The DNA molecule includes a first sequence encoding a targeting molecule, a second sequence encoding the antigen or an epitope thereof, and optionally a third sequence encoding a polypeptide which promotes dimerisation or multimerisation of the product encoded by the DNA molecule.</p> | | |